

Reliable Refrigeration

Hazard Identification, Risk Assessment And Risk Control Register (HIRA)

Last Updated on : 01.01.2023

Activity	Sub-Activities	R/NR	Hazard	Risk	Applicable Legislation	Present control	Is control Adequate	Risk Assessment					Additional Operational Controls						
								Probability	Consequence	Risk rating	Risk level	Acceptable / Unacceptable	E	S	VC	A.C.	PPE	OTF No.	
																			Risk Level
Definitions		R	Routine	NR	Non-routine														
Rating		Severity of Risk		III Health															
AIR CONDITONER MAINTENANCE	Service and maintenance of AC	NR	STF, Hand Injury	Injury	Factory Act 1948 & Maharashtra Factory Rules 2012	1. Engg Control:Secondary containment for storage ; 2. Admn. Control : Internal audit. 3. PPE : Safety Shoes, Goggle	Yes	1	2	2	L	Acceptable							
	Gas refilling	NR	Leakage of refrigerant gas	Ill health	Factory Act 1948 & Maharashtra Factory Rules 2012	1. Engg Control:Secondary containment for storage ; 2. Admn. Control : Work instruction 3. PPE : Mask	Yes	1	1	1	L	Acceptable							
	Cleaning of Filter	NR	Dust Exposure	Injury	Factory Act 1948 & Maharashtra Factory Rules 2012	1. Engg Control:Secondary containment for storage ; 2. Admn. Control : Internal audit. 3. PPE : Mask, Goggle	Yes	1	2	2	L	Acceptable							
	Machine Installation / dismantled	R	STF, Hand Injury	Eye injury / Irritation	Factory Act 1948 & Maharashtra Factory Rules 2012	1. Engg Control:Secondary containment for storage ; 2. Admn. Control : Internal audit. 3. PPE : Safety Shoes, Goggle	Yes	1	1	1	L	Acceptable							
POO - Probability of Occurrence		Severity of Risk		III Health															
Rating		POO		Injury															
1		UNLIKELY		Injury not calling for any first aid treatment															
2		LIKELY		Injury calling for first aid treatment															
3		VERY LIKELY		Injury leading to temporary / permanent illness due to chronic exposure having long effect.															
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